2311765-1 ✔ ACTIVE

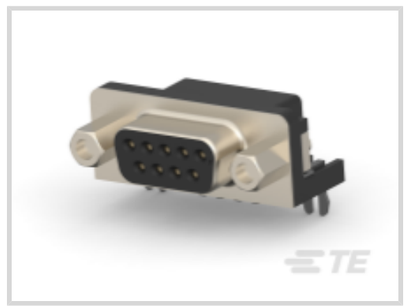
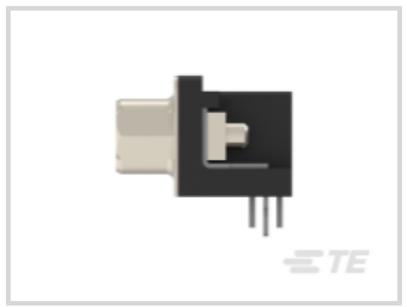
AMPLIMITE

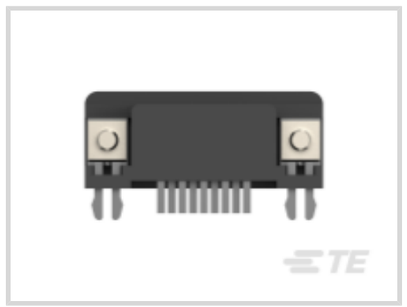
TE Internal #: 2311765-1

9 Position D-Shaped Connector, Receptacle, Wire-to-Board, Board Mount, Shell Size 1, 2.77 mm [.109 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors




Number of Positions: **9**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Connector Mounting Type: **Board Mount**

Connector Shell Size: **1**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Shape & Form	Round
Contact Current Rating (Max)	3 A

Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	4-40 Screwlock

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.77 mm[.109 in]

Dimensions

Row-to-Row Spacing	2.84 mm[.111 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Box & Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

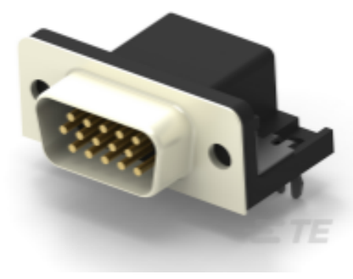
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (2.5% in 12476977009) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 2311774-1
AMPL PLUG, HD22, R/A, 15P, THREADED

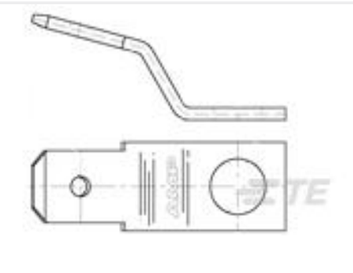


TE Part # 2311763-1
AMPL REC, HD22, R/A, 15P, S/L

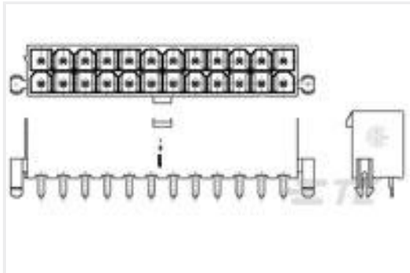


TE Part # 206509-1
SIZE 20 KEYING PLUG

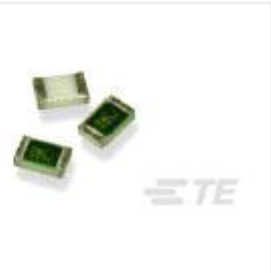
Customers Also Bought



TE Part #62162-1
187 FASTON TAB TPBR



TE Part #2-1586039-0
20P VAL-U-LOK VRT HDR W/P V2



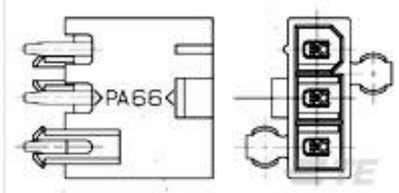
TE Part #1-1614892-6
CPF 0805 1K15 0.1% 25PPM 1K RL



TE Part #1-1623929-1
CFR200 5% 15R

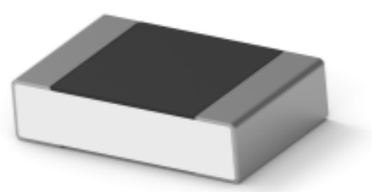


TE Part #3-1879225-7
CPF 0603 95K3 0.1% 25PPM 1K RL

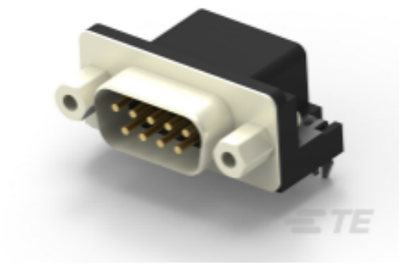


TE Part #2029058-3
3P VAL-U-LOK SR HDR SN V2 WODH

TE Part #3-2172091-2
M8.FMLE.PNLREAR.4POS.PCBSTAND.RA.SHLD



TE Part #4-2176381-2
RQ 0805 33K2 0.1% 10PPM 5K RL



TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK



TE Part #7-1393788-5
V23079F1108B301

Documents

Product Drawings

AMPL REC, HD20, R/A, 9P, S/L, .318

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2311765-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2311765-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2311765-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

UL Report

English